TABLES

Table 1
Soil Headspace Screening Results - TOVs (ppmv)
240 Beaver St., Waltham, MA
May 12, 2022

ID#	Depth	PID
GP3-1	0-2'	0.0
	2-4'	0.5
	4-6'	0.1
	6-8'	0.9
	8-10'	0.3
	10-12'	0.0
	12-14'	0.0
	14-15'	0.1
ID#	Depth	PID
GP3-2	0-2'	0.1
	2-4'	0
	4-6'	0.1
	6-8'	0.1
	8-10'	0.3
	10-12'	0.9
	12-14'	0.6
	14-15'	0.1
ID#	Depth	PID
GP3-3	0-2'	0.1
	2-4'	1.4
	4-6'	2.2
	6-8'	0.9
	8-10'	0.1
	10-12'	0.0
	12-14'	0.0
	14-15'	0
ID#	Depth	PID
GP3-4	0-2'	0.1
	2-4'	0.0
	4-6'	0.1
	6-8'	0.1
	8-10'	0.3
	10-12'	0.9
	12-14'	0.6
	14-15'	0.1
ID#	Depth	PID
GP3-5	0-2'	0.1
	2-4'	3.7
	4-6'	7.8
	6-8'	4.2
	8-10'	0.3
	10-12'	0.80
	12-14'	0.1
	14-15'	0.0

ID#	Depth	PID
GP3-6	0-2'	0.1
	2-4'	2.2
	4-6'	0.5
	6-8'	0.1
	8-10'	0.3
	10-12'	0.9
	12-14'	0.6
	14-15'	0.1
ID#	Depth	PID
GP3-7	0-2'	0.1
	2-4'	0.1
	4-6'	0.2
	6-8'	0.1
	8-10'	0.1
	10-12'	0.0
	12-14'	0.0
	14-15'	0
ID#	Depth	PID
GP3-8	0-2'	0.0
	2-4'	0.0
	4-6'	1.2
	6-8'	2.9
	8-10'	0.3
	10-12'	0.4
	12-14'	0.0
	14-15'	0.0
ID#	Depth	PID
GP3-9	0-2'	0.0
	2-4'	0.4
	4-6'	1.9
	6-8'	0.9
	8-10'	0.3
	10-12'	0.0
	12-14'	0.0
	14-15'	0

CDW CONSULTANTS

Table 2
Soil Precharacterization Results
240 Beaver Street, Waltham
May 12, 2022

Parameter	Reportable Concentrations (RCs) RCS-1	Comm-97 Limits for In-state Lined Landfill	Comm-97 Limits for In-state Unlined Landfill	SAMPLING LOCATION	
				Comp #1 (2-10ft)	GP 3-5 (4-6ft)
Sampling Date				5/12/2022 12:00:00 PM	5/12/2022 12:00:00 PM
Sample Depth				2-10 Feet	4-6 Feet
SM 2540G (% Wt)					
% Solids	~	~	~	73.0	73.0
SM21-23 2510B Modified (µmhos/cm)					
SPECIFIC CONDUCTANCE	~	8000	4000	9.7	NT
SW-846 1010A-B (°F)					
FLASHPOINT	~	~	>140 °F	> 212 °F	NT
SW-846 6010D (mg/Kg dry) Metals Digestion					
ANTIMONY	20			ND (2.2)	NT
ARSENIC	20	40	40	9.8	NT
BARIUM	1000			82	NT
BERYLLIUM	90			0.36	NT
CADMIUM	70	80	30	0.47	NT
CHROMIUM	100	1000	1000	24	NT
LEAD	200	2000	1000	170	NT
NICKEL	600			24	NT
SELENIUM	400			ND (4.4)	NT
SILVER	100			ND (0.44)	NT
THALLIUM	8			ND (2.2)	NT
VANADIUM	400			160	NT
ZINC	1000			160	NT
SW-846 7471B (mg/Kg dry) Metals Digestion					
MERCURY	20	10	10	0.40	NT
SW-846 6010D (mg/Kg dry) Metals Digestion					
TCLP Lead	~	5	5	0.9	NT
SW-846 8081B (mg/Kg dry)					
ALDRIN	0.08			ND (1.4) *	NT
ALPHA-BHC	50			ND (1.4)	NT
BETA-BHC	10			ND (1.4)	NT
DELTA-BHC	10			ND (1.4)	NT
GAMMA-BHC (LINDANE)	0.003			ND (0.55) *	NT
CHLORDANE	5			ND (5.5) *	NT
4,4'-DDD	8			34	NT
4,4'-DDE	6			3.2	NT
4,4'-DDT	6			1400	NT
DIELDRIN	0.08			7.8	NT
ENDOSULFAN I	0.5			ND (1.4) *	NT
ENDOSULFAN II	0.5			ND (2.2) *	NT
ENDOSULFAN SULFATE	~			ND (2.2)	NT
ENDRIN	10			ND (2.2)	NT
ENDRIN KETONE	~			ND (2.2)	NT
HEPTACHLOR	0.3			ND (1.4) *	NT
HEPTACHLOR EPOXIDE	0.1			ND (1.4) *	NT
HEXACHLOROBENZENE	0.7			ND (1.6) *	NT
METHOXYCHLOR	200			ND (14)	NT
SW-846 8082A (mg/Kg dry)					
PCB 1016	1			ND (11) *	NT
PCB 1221	1			ND (11) *	NT
PCB 1232	1			ND (11) *	NT
PCB 1242	1			ND (11) *	NT
PCB 1248	1			ND (11) *	NT
PCB 1254	1			ND (11) *	NT
PCB 1260	1			ND (11) *	NT
PCB 1262	1			ND (11) *	NT
PCB 1268	1			ND (11) *	NT
Total PCBs		2	2		
SW-846 8100 Modified (mg/Kg dry)					
TPH	1000	5000	2500	2600	NT
SW-846 8151A (µg/kg dry)					
2,4-D	100000			ND (140)	NT
2,4-DB	100000			ND (140)	NT
2,4,5-TP (SILVEX)	100000			ND (14)	NT
2,4,5-T	100000			ND (14)	NT
DALAPON	~			ND (340)	NT
DICAMBA	500000			ND (14)	NT
DICHLOROPROP	~			ND (140)	NT
MCPA	100000			ND (14000)	NT
MCPP	~			ND (14000)	NT
SW-846 8260D (mg/Kg dry)					
ACETONE	6			NT	0.038
TERT-AMYL METHYL ETHER	~			NT	ND (0.0014)
BENZENE	2			NT	0.0011
BROMOBENZENE	100			NT	ND (0.0027)
BROMOCHLOROMETHANE	~			NT	ND (0.0027)
BROMODICHLOROMETHANE	0.1			NT	ND (0.0027)
BROMOFORM	0.1			NT	ND (0.0027)
BROMOMETHANE	0.5			NT	ND (0.014)
2-BUTANONE (MEK)	4			NT	ND (0.055)
N-BUTYLBENZENE	~			NT	ND (0.0027)
SEC-BUTYLBENZENE	~			NT	ND (0.0027)
TERT-BUTYLBENZENE	100			NT	ND (0.0027)
TERT-BUTYLETHYL ETHER	~			NT	ND (0.0014)
CARBON DISULFIDE	100			NT	0.017
CARBON TETRACHLORIDE	5			NT	ND (0.0027)
CHLOROBENZENE	1			NT	ND (0.0027)

Table 2
Soil Precharacterization Results
240 Beaver Street, Waltham
May 12, 2022

Parameter	Reportable Concentrations (RCs) RCS-1	Comm-97 Limits for In-state Lined Landfill	Comm-97 Limits for In-state Unlined Landfill	SAMPLING LOCATION	
				Comp #1 (2-10ft)	GP 3-5 (4-6ft)
Sampling Date				5/12/2022 12:00:00 PM	5/12/2022 12:00:00 PM
Sample Depth				2-10 Feet	4-6 Feet
CHLORODIBROMOMETHANE	0.005			NT	ND (0.0014)
CHLOROETHANE	100			NT	ND (0.027)
CHLOROFORM	0.2			NT	ND (0.0055)
CHLOROMETHANE	100			NT	ND (0.014)
2-CHLOROTOLUENE	100			NT	ND (0.0027)
4-CHLOROTOLUENE	100			NT	ND (0.0027)
1,2-DIBROMO-3-CHLOROPROPANE	10			NT	ND (0.0027)
1,2-DIBROMOETHANE (EDB)	0.1			NT	ND (0.0014)
DIBROMOMETHANE	500			NT	ND (0.0027)
1,2-DICHLOROBENZENE	9			NT	ND (0.0027)
1,3-DICHLOROBENZENE	3			NT	ND (0.0027)
1,4-DICHLOROBENZENE	0.7			NT	ND (0.0027)
DICHLORODIFLUOROMETHANE	1000			NT	ND (0.027)
1,1-DICHLOROETHANE	0.4			NT	ND (0.0027)
1,2-DICHLOROETHANE	0.1			NT	ND (0.0027)
1,1-DICHLOROETHYLENE	3			NT	ND (0.0055)
CIS-1,2-DICHLOROETHYLENE	0.1			NT	ND (0.0027)
TRANS-1,2-DICHLOROETHYLENE	1			NT	ND (0.0027)
1,2-DICHLOROPROPANE	0.1			NT	ND (0.0027)
1,3-DICHLOROPROPANE	500			NT	ND (0.0014)
2,2-DICHLOROPROPANE	0.1			NT	ND (0.0027)
1,1-DICHLOROPROPENE	0.01			NT	ND (0.0027)
CIS-1,3-DICHLOROPROPENE	0.01			NT	ND (0.0014)
TRANS-1,3-DICHLOROPROPENE	0.01			NT	ND (0.0014)
DIETHYL ETHER	100			NT	ND (0.027)
DIISOPROPYL ETHER	100			NT	ND (0.0014)
1,4-DIOXANE	0.2			NT	ND (0.14)
ETHYLBENZENE	40			NT	ND (0.0027)
HEXACHLOROBUTADIENE	30			NT	ND (0.0027)
2-HEXANONE	100			NT	ND (0.027)
ISOPROPYLBENZENE	1000			NT	ND (0.0027)
P-ISOPROPYLTOLUENE	100			NT	ND (0.0027)
METHYL TERT-BUTYL ETHER (MTBE)	0.1			NT	ND (0.0055)
METHYLENE CHLORIDE	0.1			NT	ND (0.027)
4-METHYL-2-PENTANONE (MIBK)	0.4			NT	ND (0.027)
NAPHTHALENE	4			NT	ND (0.0055)
N-PROPYLBENZENE	100			NT	ND (0.0027)
STYRENE	3			NT	ND (0.0027)
1,1,1,2-TETRACHLOROETHANE	0.1			NT	ND (0.0027)
1,1,2,2-TETRACHLOROETHANE	0.005			NT	ND (0.0014)
TETRACHLOROETHYLENE	1			NT	ND (0.0027)
TETRAHYDROFURAN	500			NT	ND (0.014)
TOLUENE	30			NT	ND (0.0027)
1,2,3-TRICHLOROBENZENE	~			NT	ND (0.0027)
1,2,4-TRICHLOROBENZENE	2			NT	ND (0.0027)
1,1,1-TRICHLOROETHANE	30			NT	ND (0.0027)
1,1,2-TRICHLOROETHANE	0.1			NT	ND (0.0027)
TRICHLOROETHYLENE	0.3			NT	ND (0.0027)
TRICHLOROFLUOROMETHANE	1000			NT	ND (0.014)
1,2,3-TRICHLOROPROPANE	100			NT	ND (0.0027)
1,2,4-TRIMETHYLBENZENE	1000			NT	ND (0.0027)
1,3,5-TRIMETHYLBENZENE	10			NT	ND (0.0027)
VINYL CHLORIDE	0.7			NT	ND (0.014)
M/P-XYLENE	100			NT	ND (0.0055)
O-XYLENE	100			NT	ND (0.0027)
Total VOCs		10	4		0.0561
SW-846 8270E (mg/Kg dry)					
BIPHENYL	0.05			ND (4.6) *	NT
ACENAPHTHENE	4			ND (1.2)	NT
ACENAPHTHYLENE	1			ND (1.2) *	NT
ACETOPHENONE	1000			ND (2.3)	NT
ANILINE	1000			ND (2.3)	NT
ANTHRACENE	1000			ND (1.2)	NT
BENZO(A)ANTHRACENE	7			ND (1.2)	NT
BENZO(A)PYRENE	2			ND (1.2)	NT
BENZO(B)FLUORANTHENE	7			ND (1.2)	NT
BENZO(G,H,I)PERYLENE	1000			ND (1.2)	NT
BENZO(K)FLUORANTHENE	70			ND (1.2)	NT
BIS(2-CHLOROETHOXY)METHANE	500			ND (2.3)	NT
BIS(2-CHLOROETHYL)ETHER	0.7			ND (2.3) *	NT
BIS(2-CHLOROISOPROPYL)ETHER	0.7			ND (2.3) *	NT
BIS(2-ETHYLHEXYL)PHTHALATE	90			ND (2.3)	NT
4-BROMOPHENYL PHENYL ETHER	100			ND (2.3)	NT
BUTYLBENZYLPHTHALATE	100			ND (2.3)	NT
4-CHLOROANILINE	1			ND (4.5) *	NT
2-CHLORONAPHTHALENE	1000			ND (2.3)	NT
2-CHLOROPHENOL	0.7			ND (2.3) *	NT
CHRYSENE	70			ND (1.2)	NT
DIBENZ(A,H)ANTHRACENE	0.7			ND (1.2) *	NT
DIBENZOFURAN	100			ND (2.3)	NT
DI-N-BUTYLPHTHALATE	50			ND (2.3)	NT
1,2-DICHLOROBENZENE	9			ND (2.3)	NT
1,3-DICHLOROBENZENE	3			ND (2.3)	NT
1,4-DICHLOROBENZENE	0.7			ND (2.3) *	NT

Table 2
Soil Precharacterization Results
240 Beaver Street, Waltham
May 12, 2022

Parameter	Reportable Concentrations (RCs) RCS-1	Comm-97 Limits for In-state Lined Landfill	Comm-97 Limits for In-state Unlined Landfill	SAMPLING LOCATION	
				Comp #1 (2-10ft)	GP 3-5 (4-6ft)
Sampling Date				5/12/2022 12:00:00 PM	5/12/2022 12:00:00 PM
Sample Depth				2-10 Feet	4-6 Feet
3,3'-DICHLOROBENZIDINE	3			ND (1.2)	NT
2,4-DICHLOROPHENOL	0.7			ND (2.3) *	NT
DIETHYLPHTHALATE	10			ND (2.3)	NT
2,4-DIMETHYLPHENOL	0.7			ND (2.3) *	NT
DIMETHYLPHTHALATE	0.7			ND (2.3) *	NT
2,4-DINITROPHENOL	3			ND (4.5) *	NT
2,4-DINITROTOLUENE	0.7			ND (2.3) *	NT
2,6-DINITROTOLUENE	100			ND (2.3)	NT
DI-N-OCTYLPHTHALATE	1000			ND (2.3)	NT
1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	50			ND (2.3)	NT
FLUORANTHENE	1000			ND (1.2)	NT
FLUORENE	1000			ND (1.2)	NT
HEXACHLOROBENZENE	0.7			0.73	NT
HEXACHLOROBUTADIENE	30			ND (2.3)	NT
HEXACHLOROETHANE	0.7			ND (2.3) *	NT
INDENO(1,2,3-CD)PYRENE	7			ND (1.2)	NT
ISOPHORONE	100			ND (2.3)	NT
2-METHYLNAPHTHALENE	0.7			ND (1.2) *	NT
O-CRESOL	500			ND (2.3)	NT
M/P-CRESOL	500			ND (2.3)	NT
NAPHTHALENE	4			ND (1.2)	NT
NITROBENZENE	500			ND (2.3)	NT
2-NITROPHENOL	100			ND (2.3)	NT
4-NITROPHENOL	100			ND (4.5)	NT
PENTACHLOROPHENOL	3			ND (2.3)	NT
PHENANTHRENE	10			ND (1.2)	NT
PHENOL	1			ND (2.3) *	NT
PYRENE	1000			ND (1.2)	NT
PYRIDINE	500			ND (2.3)	NT
1,2,4-TRICHLOROBENZENE	2			ND (2.3) *	NT
2,4,5-TRICHLOROPHENOL	4			ND (2.3)	NT
2,4,6-TRICHLOROPHENOL	0.7			ND (2.3) *	NT
Total SVOCs		100	100	0.73	
SW-846 9014 (mg/Kg)					
REACTIVE CYANIDE	~	~	~	ND (3.9)	NT
SW-846 9030A (mg/Kg)					
REACTIVE SULFIDE	~	~	~	ND (19)	NT
SW-846 9045C (pH Units)					
PH	~	~	~	7.9	NT

NOTES:
1. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more of the regulatory criteria.
2. ND = Not detected above the lab reporting limits shown in parenthesis.
3. NT = Not tested.
4. ~ = No Method 1 Standard or limit available
5. Shaded values exceed the MCP Reportable Concentrations (RCs).